

RATING AND CHARACTERISTIC CURVES (SMB2EZ6.2 THRU SMB2EZ330)

TYPE	Nominal Zener Voltage V _Z @I _{ZT}	Zener Test Current I _{ZT} mA	Maximum Zener Impedance		I _{ZK} mA	Maximum Reverse Leakage Current		Maximum Regulator Current I _{ZM} mA
			Z _{ZT} @I _{ZT} Ohms	Z _{ZK} @I _{ZK} Ohms		I _R uA	@V _R Volts	
SMB2EZ6.2	6.2	80.5	1.5	700	1.00	50.0	3.0	292.0
SMB2EZ6.8	6.8	73.5	2.0	700	1.00	50.0	4.0	266.0
SMB2EZ7.5	7.5	66.5	2.0	700	0.50	50.0	5.0	242.0
SMB2EZ8.2	8.2	61.0	2.3	700	0.50	50.0	6.0	220.0
SMB2EZ9.1	9.1	55.0	2.5	700	0.50	50.0	7.0	200.0
SMB2EZ10	10	50.0	3.5	700	0.25	50.0	7.6	182.0
SMB2EZ11	11	45.5	4.0	700	0.25	50.0	8.4	166.0
SMB2EZ12	12	41.5	4.5	700	0.25	1.0	9.1	152.0
SMB2EZ13	13	38.5	5.0	700	0.25	0.5	9.9	138.0
SMB2EZ15	15	33.4	7.0	700	0.25	0.5	11.4	122.0
SMB2EZ16	16	31.2	8.0	700	0.25	0.5	12.2	114.0
SMB2EZ18	18	27.8	10	750	0.25	0.5	13.7	100.0
SMB2EZ20	20	25.0	11	750	0.25	0.5	15.2	90.0
SMB2EZ22	22	22.8	12	750	0.25	0.5	16.7	82.0
SMB2EZ24	24	20.8	13	750	0.25	0.5	18.2	76.0
SMB2EZ27	27	18.5	18	750	0.25	0.5	20.6	68.0
SMB2EZ30	30	16.6	20	1000	0.25	0.5	22.5	60.0
SMB2EZ33	33	15.1	23	1000	0.25	0.5	25.1	55.0
SMB2EZ36	36	13.9	25	1000	0.25	0.5	27.4	50.0
SMB2EZ39	39	12.8	30	1000	0.25	0.5	29.7	47.0
SMB2EZ43	43	11.6	35	1500	0.25	0.5	32.7	43.0
SMB2EZ47	47	10.6	40	1500	0.25	0.5	35.8	39.0
SMB2EZ51	51	9.8	48	1500	0.25	0.5	38.8	36.0
SMB2EZ56	56	9.0	55	2000	0.25	0.5	42.6	32.0
SMB2EZ62	62	8.1	60	2000	0.25	0.5	47.1	29.0
SMB2EZ68	68	7.4	75	2000	0.25	0.5	51.7	27.0
SMB2EZ75	75	6.7	90	2000	0.25	0.5	56.0	24.0
SMB2EZ82	82	6.1	100	3000	0.25	0.5	62.2	22.0
SMB2EZ91	91	5.5	125	3000	0.25	0.5	69.2	20.0
SMB2EZ100	100	5.0	175	3000	0.25	0.5	76.0	18.0
SMB2EZ110	110	4.5	250	4000	0.25	0.5	83.6	17.0
SMB2EZ120	120	4.2	325	4500	0.25	0.5	91.2	15.0
SMB2EZ130	130	3.8	400	5000	0.25	0.5	98.8	14.0
SMB2EZ140	140	3.6	500	5500	0.25	0.5	106.4	13.0
SMB2EZ150	150	3.3	575	6000	0.25	0.5	114.0	12.0
SMB2EZ160	160	3.1	650	6500	0.25	0.5	121.6	11.0
SMB2EZ170	170	2.9	675	7000	0.25	0.5	130.4	11.0
SMB2EZ180	180	2.8	725	7000	0.25	0.5	136.8	10.0
SMB2EZ190	190	2.6	825	8000	0.25	0.5	144.8	10.0
SMB2EZ200	200	2.5	1900	9990	0.25	0.5	152.0	9.0
SMB2EZ220	220	2.0	2000	8500	0.25	0.5	167.0	8.0
SMB2EZ270	270	1.6	2200	8500	0.25	0.5	205.0	6.7
SMB2EZ300	300	1.5	2200	9000	0.25	0.5	228.0	5.9
SMB2EZ330	330	1.4	2300	9000	0.25	0.5	250.0	5.4

NOTE: Standard Zener Voltage Tolerance ± 5%

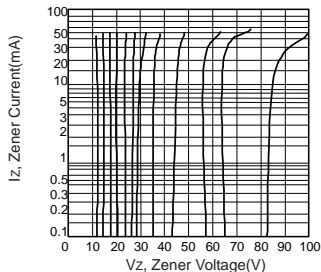


Fig. 3 - V_Z=12 Thru 82 Volts

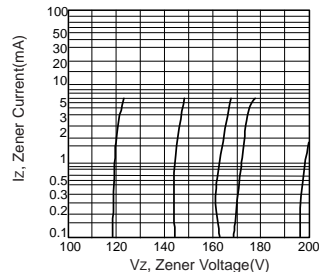


Fig. 4 - V_Z=100 Thru 200 Volts

